

A B S T R A C T

A METHOD OF MODIFYING IN INDIVISIBLE MANNER A PLURALITY
OF NON-VOLATILE MEMORY LOCATIONS IN A MICROCIRCUIT CARD,
5 IN PARTICULAR IN A CONTACTLESS CARD

The card is coupled temporarily to a terminal while
a transaction is being executed that includes the
terminal applying a plurality of modification commands to
10 the card, each comprising at least one operation of
recording, in the memory of the card, a respective item
of information specified by the command, the various
items of information written in this way being mutually
interdependent. The method comprises execution by the
15 card of the following steps: a) on receiving
corresponding respective commands from the terminal, it
modifies the contents of the card memory by provisionally
recording in the card memory each of said interdependent
items of information without losing prior values
20 corresponding to said items; and then b) the
modifications are finalized either by all of them being
confirmed or by all of them being discarded, such that
for subsequent operations, the commands executed in step
a) will either all have been taken into account, or else
25 all of them will be without effect.

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Translation of the title and the abstract as they were when originally filed by the
35 Applicant. No account has been taken of any changes that may have been made
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